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IT IS HEREBY STIPULATED AND AGREED, by and between counsel for the respective parties hereto, that the filing, sealing and certification of the within deposition shall be and the same are hereby waived;

IT IS FURTHER STIPULATED AND AGREED that all objections, except as to the form of the question, shall be reserved to the time of the trial;

IT IS FURTHER STIPULATED AND AGREED that the within deposition may be signed before any Notary Public with the same force and effect as if signed and sworn to before the Court.

SEAN RYAN 1 (Notice of deposition marked Ryan 2 Exhibit 1 for identification.) 3 SEAN RYAN, called as a 4 witness, having been duly sworn by a Notary 5 Public, was examined and testified as 6 7 follows: EXAMINATION BY MS. JESKIE: Good morning, Mr. Ryan, my name is 10 Q. Sandra Jeskie and I'm counsel for Lockheed 11 Martin and I will be asking you questions 12 about the IESS-C3 project. This is Brian 13 Kantar, who is representing the sureties, is 14 also here with me. 15 Have you ever had your deposition 16 taken before? 17 Α. Yes. 18 When? 19 Q. A. A few times over the years, I 20 suppose probably most recently 18 to 24 21 22 months ago. 23 What was that in connection with? That was a contract matter for a --24 involving a previous employer I had. 25

- 1 SEAN RYAN
- 2 Metro-North did not support Capital
- 3 Construction's approval of the PDR documents?
- 4 A. Correct.
- 5 Q. Why?
- A. As I said, in general terms, the
- 7 preliminary design was not constructable in
- 8 Metro-North's view or not detailed enough to
- 9 be constructable in Metro-North's view.
- 10 Q. Did Metro-North provide its support
- 11 for the approval of the CDR documents
- 12 prepared by Lockheed Martin?
- 13 A. I don't remember. At the moment, I
- 14 don't recall Metro-North's position on CDR
- 15 when we got to that point in the project.
- 16 Q. So you don't know, as you sit here
- 17 today, whether Metro-North approved the CDR
- 18 documents?
- 19 A. I don't recall, I'm sorry.
- 20 Q. To the best of your knowledge, did
- 21 Capital Construction approve Lockheed
- 22 Martin's CDR documents?
- 23 A. I'm not certain.
- Q. Do you have any reason to believe
- 25 that Capital Construction did not approve

- 1 SEAN RYAN
- 2 those documents, I mean, Lockheed Martin
- 3 couldn't have gone forward, correct?
- 4 MS. HECHTKOPF: Objection.
- 5 A. I don't know, as I say, I
- 6 apologize, I just don't recall the status of
- 7 the CDR approval at the moment.
- 8 Q. You had said in connection with the
- 9 PDR documents that Capital Construction had
- 10 no authority to overrule Metro-North. What
- 11 did you mean by that?
- MS. HECHTKOPF: Objection.
- 13 A. Well, the relationship between
- 14 Metro-North and the Capital Construction
- 15 Company is not one of one having authority
- 16 over the other. They're parallel
- 17 organizations but in the end, Capital
- 18 Construction Company managed the project and
- 19 managed the contract.
- 20 Q. So did Capital Construction then,
- 21 in connection with this project, have the
- 22 ultimate authority to make a decision on
- 23 behalf of the agency, whether or not the
- 24 agency agreed with that decision?
- MS. HECHTKOPF: Objection.

99 SEAN RYAN 1 Ultimate authority, I would say no. 2 Did anyone have ultimate authority 3 over Metro-North in connection with this 4 5 project? Ultimately the chair always has 6 Α. 7 that authority. Q. Who is the chair, when you say 8 that, are they with headquarters, not Capital Construction? 10 A. Correct. 11 Q. Do you know if the chair or anyone 12 at headquarters ever came in and made 13 decisions in connection with the project? 14 A. That's the whole question. 15 16 Q. Yes. A. You know, I don't know what the 17 chair's and there were various people in that 18 role, I don't know what the chair's 19 decision-making process was vis-à-vis this 20 project. But basically Mr. Morange was the 21 chair's representative. 2.2 23 O. Did Mr. Morange have authority to

overrule an agency's decision, for example?

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SEAN RYAN

A. He would have -- I can't tell you specifically what his authority level was in that regard. But what would have happened in the dispute and frankly, I cannot think of a single example of this, but to answer your question, what would have happened is Mr. Morange would have had a conversation with the agency, in our case, it would have been the Metro-North president, Peter Canido.

- Q. Ultimately, could Mr. Morange change a decision of the Metro-North president in connection with this project?

  MS. HECHTKOPF: Objection.
- A. No, the Metro-North president reports to the chair as did Mr. Morange.

Again to be clear, I cannot think of an instance that rose to that level but you asked about the process and that's the process.

Q. To the best of Metro-North's understanding, the only person who could overrule an agency decision would be then the chair at headquarters and that would be it, not its representative?

## SEAN RYAN

project coordination at the highest level was done at the steering committee level. That's really it, in terms of new processes, not that I can think of.

- Q. During the steering committee meetings, were there ever instances in which agencies disagreed on how to move forward?
  - A. Certainly.
  - Q. And how would that be addressed?
- A. Mr. Morange would have mediated any disagreements there and we would have left in agreement.
  - Q. Mr. Morange did not have the authority, though, to make a decision over the objections of the agency, right?

    MS. HECHTKOPF: Objection.
  - A. No, but as I said, I cannot recall an instance that rose to the level where it had to go beyond the steering committee level. But Mr. Morange would have mediated any disagreement that occurred at that level among the agencies.
  - Q. So to the best of your recollection, there was always a consensus

160 SEAN RYAN 1 Are you familiar with the test and 2 3 evaluation master plan which is often referred to as the TEMP? 4 5 Α. I and. Was it Metro-North's understanding 0. 6 7 that that document governed the testing program? 8 MS. HECHTKOPF: Objection. Yes, that document governed the 10 11 testing. Did Metro-North have any input into 12 13 the creation of the TEMP? Α. No. Did it have any input, in other 15 words, making comments on drafts of the TEMP 16 at all? 17 MS. HECHTKOPF: Objection. 18 I'm not sure if the creation of the 19 TEMP itself went through the normal document 20 21 submission and review process, so I can't 22 remember that specifically, but I would say that if it did, then Metro-North had an 23 opportunity to provide comments on it. I do 24 not remember specifically that document going 25

SEAN RYAN

- A. Yes.
- Q. At what point did the project change from being called the IESS-C3 project to the AAESP project? It does not roll off the tongue.
- A. No, it does not, I would have come up with a much better term. But when the IESS project ended and was no more, a name was needed for the balance of the work and so for some reason this is what was decided.
- Q. So it was decided shortly after termination then?
  - A. Yes.
- Q. Who else would participate in the testing that we were talking about?
  - A. From Metro-North?
- Q. I think you just said Ms. Panzer and perhaps one other person from Metro-North but, just generally, who else would participate?
- A. I can really only guess at that. I don't know who the other agencies assigned to represent them at the testing.
  - Q. What was Metro-North's

178 SEAN RYAN 1 would be assigned? 2 A. I can't recite it for you verbatim, 3 but it has to do with the degree of severity of the variance. 5 Q. Would that be determined by looking 6 at the TEMP? A. Yes. 8 Q. Let me rephrase and make it a 9 little bit easier. Was there any requirement 10 for the number of passed FAT tests in order 11 to move forward in the testing process? 12 13 A. I'm not aware of such a 14 requirement. Q. Let me show you what's been 15 previously marked as Martinez 13. Which is 16 an email from Linda Martinez to April Panzer 17 dated December 8, 2008. Would you take a 18 moment to review that? 19 Have you had a chance to review 20 21 Martinez 13? A. I have. 22 Mr. Ryan, does this refresh your 23 recollection that there were private 24 communications between Ms. Panzer on behalf 25

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And so, Ms. Panzer, anyway, is fastidious and was interested in accurately recording the status of the test results. And I don't know what's in the hearts of my MTACC colleagues but I suppose that they wanted to be more flexible in this regard in order to move this project ahead.

Q. How did Capital Construction convey that they wanted Metro-North to be more flexible in that regard?

MS. HECHTKOPF: Objection.

- A. Well, based on what I'm reading in the exhibit here, Ms. Panzer received this message from someone who said on page 2, she says, We were told that we had to push on. I infer that she is referring to somebody from MTACC. And then Ms. Martinez cites, As you said, push-ahead mentality.
- Q. I'm asking you on behalf of
  Metro-North, as you sit here today, was it
  your understanding that Capital Construction
  had conveyed this sense to the agencies,
  particularly Metro-North, that they needed to
  be a little more flexible in the

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interpretation of requirements in order to get tests passed?

A. Yes.

- Q. How did they convey that message?
- A. Again, I cannot recall the specific conversations but I know that there were conversations at the steering committee level about this topic. So agencies expressed their viewpoint, as expressed here by Ms.

  Panzer and Ms. Martinez for that matter, and Capital company expressed their viewpoint.

  And those conversations happened at the steering committee.
- Q. I understand that you can't remember specifics but, in general, what was the message being conveyed by Metro-North and the other agencies concerning the interpretation of requirements and the testing status, on this issue?
- A. Be more flexible, they'll get it fixed, everything will be fine, we need to move ahead.
- Q. What was intended, as you understand it, on behalf of Metro-North when

SEAN RYAN

you hear a statement of be more flexible?

- A. That we shouldn't be as rigorous in our application of the pass or fail criteria.
- Q. What was the reaction of

  Metro-North and the other agencies at those

  meetings to this kind of statement?
- A. Again, I can't speak for the other agencies.
  - Q. Okay.

A. Metro-North always did everything it could to support the project and to facilitate progress on the project. But in Metro-North's estimation, a test either passed or it didn't. And if it didn't, it should be reported -- I would like to modify my response.

Metro-North believed that we should apply the proper test result status to the tests and if that -- if it passed, then that's a pass, if it failed, then that's a failure, and if it was something in-between, then it should be statused correctly.

Q. Just trying to understand your response, was that viewed as essentially a

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disagreement with the instructions that

Capital Construction were providing in terms

of being flexible?

- A. I suppose we disagreed on how we should interpret the test criteria and here -- this is a case that illustrates the different objectives that Capital company had, the Capital company's objectives and how they differed from the agencies' objectives.
- Q. What were the Capital
  Construction's objectives, as you just
  mentioned?

MS. HECHTKOPF: Objection.

A. You know, all of the agencies and the Capital company's objectives were aligned in terms of providing, getting the project completed, delivered on time and on budget and all those sorts of standard things.

But beyond that, the agencies would have to live with these systems for a long time and the Capital company had a lot of pressure to bring the project in on time.

And once this project is done, they would be moving on to another project.

186 SEAN RYAN 1 2 Where was Capital Construction ο. getting the pressure to bring the project in 3 on time? 4 5 MS. HECHTKOPF: Objection. Well, from MTA headquarters, from 6 7 headquarters. So would it be fair to say that 8 Metro-North and Capital Construction 9 disagreed, then, in connection with the 10 11 interpretation of the test criteria? 12 MS. HECHTKOPF: Objection. 13 And how to -- whether to pass or Ο. 14 fail tests? MS. HECHTKOPF: Objection. 15 I would say that we disagreed in 16 17 the application of the different status levels. 18 As a result of these conversations 19 with Capital Construction, did Metro-North 20 make any changes in the way it viewed the 21 requirements and test pass/fails, or did they 2.2 23 continue to strictly interpret the 24 requirements and the test criteria?

A. I don't recall that we changed

25

187 SEAN RYAN 1 course in the way we handled the test 2 criteria. 3 O. You had mentioned that these were topics that had come up at the steering 5 committee meeting, is that right? 6 7 Α. Yes. And you participated in those 8 steering committee meetings? 9 10 Α. Yes. What were the other agencies' 11 response in connection with this request by 12 13 Capital Construction to be more flexible in terms of the requirements and the test 14 status? 15 I don't remember the other 16 agencies' position on this. 17 Q. Do you remember discussion by the 18 other agencies about this? 19 20 Yes. So I will warn you in 21 advance, again, I cannot give you a specific 22 example but I remember in general terms, generally, the agencies were aligned on this 23 24 issue. And when you say aligned, they were Q. 25

- 1 SEAN RYAN
- 2 from a process point of view?
- 3 MS. HECHTKOPF: Objection.
- Q. Did you think it was fair,
- 5 reasonable?
- 6 MS. HECHTKOPF: Objection.
- 7 A. As I said earlier, our view was
- 8 that the processes were not strictly adhered
- 9 to.
- 10 Q. What processes were you referring
- 11 to?
- 12 A. Again, the issues that call for
- 13 regression testing, issues that resulted in a
- 14 configuration change of some sort, mid-test
- 15 without retesting.
- 16 Q. So the concerns that you were
- 17 referencing are related to regression testing
- 18 only?
- 19 A. The specific examples I'm recalling
- 20 now are related to regression testing. But,
- 21 again, if I thought about it some more, I may
- 22 come up with other examples. But that's what
- 23 I recall now.
- Q. What's your understanding of what a
- 25 business rule is?

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Q

- A. A business rule is a -- business rules are procedural steps that lay out the way -- in the context of this project, anyway, they lay out the way system operators respond to alarms and incidents and system-generated messages.
- Q. Did the agency develop its own business rules for the project?
- A. No, there were business rules development workshops. Again, this predates me. There were business rule development workshops that were facilitated by one of the consultants on the project, I don't recall who it was.
- Q. It wasn't Lockheed Martin's role to develop business rules, was it?

MS. HECHTKOPF: Objection.

- A. I believe it was one of the other consultants on the project.
- Q. Did Metro-North participate in what was called the operational readiness workshop?
  - A. Yes.
  - Q. Is that often referred to as the

Page 194 1 SEAN RYAN 2 ORW as well? Α. I suppose. 3 And what did Metro-North do in 0. 4 connection with the ORW? 5 We attended the ORW, we observed 6 Α. 7 the demonstration there of the systems, I believe it was held at Long Island City. 8 What was the purpose of the ORW? 9 Q. To demonstrate that the system 10 Α. operated properly and was ready to execute, I 11 12 suppose, execute the business rules. I think there were canned scenarios that walked 13 through business rule execution. 14 Who on behalf of Metro-North 15 attended the ORW? 16 April Panzer, primarily. I was Α.

- 17
- there. I don't recall who else. 18
- 19 What was Metro-North's view of the Q.
- outcome of the ORW? 20
- It was the view was dim, 21
- demonstration was poor. 22
- 23 Q. Why was the demonstration poor?
- 24 The systems did not perform as Α.
- 25 intended.

Page 195 SEAN RYAN 1 2. Ο. Did Metro-North express that concern at the ORW? 3 Everyone did. 4 Α. To who? 5 0. Well, formally, I suppose, to the 6 Α. 7 MTACC personnel. Did you have anything positive to 8 9 say about the ORW? Lunch was provided. 10 Α. Q. Is that it? 11 That's all I recall. 12 Α. Are you familiar with the term 0. 13 showstoppers? 14 Α. Yes. 15 What are the showstoppers? 16 Q. Well that's a complicated question. 17 Α. Showstoppers were the product of a process 18 called the path forward and there was a 19 committee was formed called the path forward 20 committee. The path forward committee 21 evaluated the status of all the test results 22 and made a determination, made determinations 23 about classifications of many of the test 24 25 results.

- 2 And one of the results of that
- 3 committee's efforts was identifying for
- 4 so-called showstoppers. They were data
- 5 segmentation, the provision of a maintenance
- 6 mode. As I said earlier, there were other
- 7 modes that didn't function either. The
- 8 provision of Lenel client software on every
- 9 workstation and a function called
- 10 publish-subscribe which was a communications
- 11 functionality.
- 12 Q. What was the path forward
- 13 committee?
- 14 A. What was the path forward
- 15 committee? The path forward committee was an
- 16 effort to try to scrutinize the current state
- of performance of the system, based on test
- 18 results and find a way to establish sort of a
- 19 stepping stone stage where we could work
- 20 together with Lockheed Martin to develop a
- 21 very basic level of functionality.
- Q. Who participated in the path
- 23 forward committee?
- 24 A. Path forward committee was headed
- 25 by Whiel Hibri. I represented Metro-North,

- 2 Lisa Schreiber represented New York City
- 3 transit, Dave Horn from Carter-Burgess was
- 4 there. I won't be able to give you the
- 5 complete list, I'm pretty sure John Hyland
- from Long Island Railroad, there are a number
- 7 of other people, Terry Fetters.
- 8 Q. Were all the agencies represented
- 9 ultimately?
- 10 A. Yes.
- 11 Q. Was the path forward committee a
- 12 process that came out of the direction by
- 13 Capital Construction to be more flexible and
- 14 to get this process moving?
- 15 A. I think it was more of an
- 16 acknowledgment of the fact that many of these
- 17 requirements were not going to pass testing
- 18 no matter what color we painted them, no
- 19 matter how we classified them, that it
- 20 wouldn't change the fact that they were not
- 21 going to perform the way the contract
- 22 intended them to perform.
- The functionality was not going to
- 24 spontaneously emerge because we said a test
- 25 hadn't failed. So I think the path forward

- 2 with?
- A. According to the sign-in sheet,
- 4 this is a monthly all-agency meeting that we
- 5 were doing at that time at Penn Plaza.
- Q. What was the purpose of the monthly
- 7 all-agency meetings?
- 8 A. All-agency status update,
- 9 coordination, so on.
- 10 Q. Would Capital Construction normally
- 11 provide a status of what happened previous
- 12 and going forward?
- 13 A. Yes.
- 14 Q. This is a meeting that you
- 15 participated in then on April 20, 2009?
- 16 A. Yes.
- 17 Q. Turn to page 38, as we just
- 18 referenced, it says, The FAT showstoppers are
- 19 closed, and it lists published-subscribe,
- 20 Lenel, data of segmentation and maintenance.
- Do you see that?
- 22 A. Yes.
- Q. Do you recall Capital Construction
- 24 reporting that the FAT showstoppers had been
- 25 closed as of this April 20, 2009 all-agency

Page 203 1 SEAN RYAN 2 meeting? MS. HECHTKOPF: Objection. 3 I don't recall the specific Α. 4 meeting. Obviously, I was in attendance 5 because I signed the sign-in sheet. 6 7 And would you agree with me that Q. Capital Construction reported that the FAT 8 showstoppers are closed at this meeting? 9 MS. HECHTKOPF: Objection. 10 Α. I would agree that written on this 11 slide are the words, The FAT showstoppers are 12 13 closed, yes. 14 Do you recall any objections to the statement that were written on that slide 38 15 about the FAT showstoppers being closed? 16 I don't recall the conversations 17 Α. 18 during this meeting. Does this refresh your recollection 19 that the four FAT showstoppers that we 20 discussed earlier in your deposition were, in 21 fact, closed? 22 Objection. 23 MS. HECHTKOPF: 24 It does not. Α. 25 Q. Would you have any reason to

- 1 SEAN RYAN
- 2 believe they were not closed as of April 20,
- 3 2009, based on what is written here by
- 4 Capital Construction, who was the manager of
- 5 the project?
- 6 MS. HECHTKOPF: Objection.
- 7 A. They aren't closed as of today, so
- 8 I know that they weren't closed as of April
- 9 20, 2009.
- 10 Q. Did you recall raising any
- 11 disagreement with the slides, as written,
- 12 during that meeting?
- 13 A. Again, I don't recall what my
- 14 response was during that meeting.
- 15 Q. Do you have any recollection of
- 16 discussing after the fact that this slide was
- wrong, shortly after the meeting?
- 18 A. I don't recall what my response was
- 19 at the time.
- Q. Why is it you say publish-subscribe
- 21 is not closed as of today?
- 22 A. At Metro-North, we still do not
- 23 have this publish-subscribe function as
- 24 service.
- 25 Q. How would you describe the

- publish-subscribe function?
- A. It's basically a software
- 4 capability where, I know this is not the
- 5 technical explanation but my words, sort of
- 6 like a switchboard function where people
- 7 subscribe to certain messages, the messages
- 8 are transmitted to people who subscribe to
- 9 them.
- 10 Q. What is your understanding of the
- 11 problem that's still exists today why this
- 12 hasn't been resolved since Lockheed Martin's
- 13 termination?
- 14 A. Frankly, I don't recall technically
- what the problem was with it in 2009, other
- 16 than it wasn't provided.
- 17 Q. And is this something that has been
- 18 included as a requirement on the AAESP
- 19 project?
- 20 A. No, it is not because, as I said,
- 21 we did not -- the AAESP project is -- was
- 22 designed to simply close out the work that
- 23 Lockheed Martin had begun.
- Q. Didn't you say this was part of the
- 25 work that Lockheed Martin had begun?

CERTIFICATE I HEREBY CERTIFY that the witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Leslie Fagin, Registered Professional Reporter Dated: April 17, 2012 (The foregoing certification of this transcript does not apply to any reproduction of the same by any means, unless under the direct control and/or supervision of the certifying reporter.) 

254 1 2 ACKNOWLEDGMENT OF DEPONENT 3 , do hereby I, 4 certify that I have read the foregoing pages, and that the same is a correct transcription of the answers given by me to the questions therein propounded, except for the corrections or changes in form or substance, 6 if any, noted in the attached Errata Sheet. 7 8 DATE 9 WITNESS NAME 10 11 Subscribed and sworn to before me this day of , 2011. 12 My commission expires: 13 14 Notary Public 15 16 17 18 19 20 21 22 23 24 25